



# Cloud Storage

## Program Overview

**Carissa Landymore**  
**Program Manager**  
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# Program Overview

## Cloud storage is a portfolio of two cloud based storage offerings:

- milDrive
- Storage as a Service

**milDrive** – a personal file store with collaboration and flexibility in mind. Allows synchronization of files between local drive and cloud, allowing customers to share files, leverages security controls to provide least privilege.

**Storage as a Service (STaaS)** – provides bulk storage for applications, backups, or system images. Organizations interested in backing up images of their virtual machines would have the ability to manage their own backup and restore of systems using this solution.





# milDrive



# milDrive Description

## “File Synch and Share – Anywhere! Anytime!”

- **Provides access to data based on “traditional look and feel”**
  - Mapped Drives (milDrive desktop app)
  - Web portal
- **Provides additional access methods**
  - Mobile devices (smart phones and tablets)
- **Provides ability to share data**
  - File synch and share
  - Collaboration

Storage Capacity	Recommended for user type
20 GB	Individual User
1 TB	VIPs/Team Folder



# milDrive Key Features



## ***Access Data Anywhere, Anytime!***

*Warfighter has continuous,  
reliable access to files without  
regard to device or location*



## ***Key Features:***

- *CAC-enabled access*
- *Secure File sharing*
- *Reliability*
- *Mobile device Access*
- *Offline access to Data*
- *Data Backup*
- *Self Recovery of files*
- *Reduce Total Cost Ownership*





# milDrive Cost and Feature Benefits

File Synch & Share Capability	CAC/PIV Authentication	Storage Capacity	Cost	Network	Security
milDrive	Yes	20GB 1TB	All inclusive	DODIN NIPRNet	<ul style="list-style-type: none"> <li>- RMF Authorization to Operate on DODIN</li> <li>- Data is stored on DoD-owned/maintained appliances</li> </ul>
Industry Average	No	Up to 1 TB	A la carte	Public Internet	<ul style="list-style-type: none"> <li>- Requires AO Approval to use</li> <li>- Security costs extra</li> </ul>

## All inclusive cost:

- ✓ Service and support
- ✓ Unlimited transactions
- ✓ Bandwidth usage
- ✓ Security





# STaaS



# Storage as a Service (STaaS) Description

## “Backup and archive securely to DISA’s Private Cloud!”

- **Secure, long-term cloud storage for large amounts of data**
  - Reduce Storage Area Network (SAN) hardware and maintenance costs
  - Eliminate the need for tapes and disk libraries
- **Store COOP data securely in DISA’s private cloud**
  - Eliminate the need for full site-to-site replication
  - Reduce IT resource and hardware costs
- **Store large amounts of cloud-native application data**
  - Store content data such as media files, images, videos, documents and data sets
  - Store data in native formats with no limits

### Storage Capacity

**Scalable to several Exabytes**

### Requirements to connect

**Any front end using the S3 API**





# STaaS Key Features



## *Secure destination for backing up your critical data*

*A storage platform based on object (File) technology that stores and transfers data using machine-to-machine interface.*

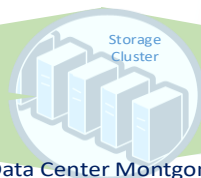


## *Key Features:*

- *Cost effective for archive and backend storage requirements*
- *Data encrypted at rest and in transit*
- *Low chance of data corruption*
- *No downtime during software upgrades, hardware refreshes and site failures*
- *Reduce Total Cost of Ownership*



Data Center Columbus



Data Center Montgomery



Data Center Oklahoma City



# STaaS Cost and Feature Benefits

Object Storage	Pricing	Transaction Charge (Data upload/retrieval)	Network	ATO	Additional Cost for Support
<b>STaaS</b>	<b>All Inclusive (Security and support built in)</b>	<b>No</b>	<b>DODIN NIPRNet</b>	<b>RMF Authorization to Operate on DODIN</b>	<b>No</b>
Industry Average	Service and Transaction based	Yes	NIPRNet via CAP	FedRamp Impact Level 4/5	Yes

## All inclusive cost:

- ✓ Service and support
- ✓ Unlimited transactions
- ✓ Bandwidth usage
- ✓ Security





# Questions?

## For additional information please contact:

**DISA Mission Partner Engagement Office (MPEO):**

**[disa.meade.bd.mbx.bdm4-mpeo-support@mail.mil](mailto:disa.meade.bd.mbx.bdm4-mpeo-support@mail.mil)**

**Cloud Storage PMO:**

**[disa.meade.sd.mbx.cloud-storage-pmo@mail.mil](mailto:disa.meade.sd.mbx.cloud-storage-pmo@mail.mil)**

**More Information on STaaS is available at:**

**<https://disa.mil/Computing/Cloud-Services/Storage-as-a-Service>**

**milDrive Service Catalog:**

**<https://storefront.disa.mil/kinetic/disa/service-catalog#/forms/mildrive>**

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